

L3 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2002 ACS

AN 2001:300887 CAPLUS

DN 134:321586

TI Production of conditional sterility in wheat by expression of deacetylase  
in stamen cells

IN Quandt, Juergen; Bartsch, Klaus; Knittel, Nathalie

PA Aventis Cropscience N.V., Belg.

SO PCT Int. Appl., 58 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001029237	A2	20010426	WO 2000-EP10281	20001013
	WO 2001029237	A3	20011129		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,  
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,  
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,  
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,  
ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,  
CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 6384304 B1 20020507 US 1999-418817 19991015

PRAI US 1999-418817 A 19991015

L3 ANSWER 2 OF 7 CAPLUS COPYRIGHT 2002 ACS

AN 2000:157755 CAPLUS

DN 132:191900

TI Inbred sweet corn line R398D

IN Plaisted, Douglas C.; Grier, Stephen L.; Houghton, Wesley

PA Novartis A.-G., Switz.

SO U.S., 9 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6034306	A	20000307	US 1999-318102	19990524

L3 ANSWER 3 OF 7 CAPLUS COPYRIGHT 2002 ACS

AN 1999:595401 CAPLUS

DN 131:224460

TI **Glyphosate** as a gametocide for the generation of **male-sterile** plants

IN Brown, Sherri M.; Fromm, Michael Ernest

PA Monsanto Company, USA

SO PCT Int. Appl., 66 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9946396	A2	19990916	WO 1999-US5126	19990309
	WO 9946396	A3	19991021		

W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,  
DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP,  
KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN,  
MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,  
TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,  
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,  
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 9929929 A1 19990927 AU 1999-29929 19990309

File Copy 09/100,514

BR 9908631 A 20001114 BR 1999-8631 19990309  
 EP 1062354 A2 20001227 EP 1999-911240 19990309  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, FI  
 PRAI US 1998-77277P P 19980309  
 WO 1999-US5126 W 19990309

L3 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2002 ACS  
 AN 1999:748373 CAPLUS  
 DN 131:334668  
 TI Inbred sweet corn line W1498A (ATCC 203904) containing Bacillus Cry1Ab  
 gene for insect resistance as well as insect, disease, virus, and  
 herbicide resistance genes  
 IN Plaisted, Douglas C.; Grier, Stephen L.; Houghton, Wesley  
 PA Novartis A.-G., Switz.  
 SO U.S., 10 pp.  
 CODEN: USXXAM  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5990395	A	19991123	US 1999-318103	19990524
	JP 2001008566	A2	20010116	JP 2000-151315	20000523
PRAI	US 1999-318103	A	19990524		

L3 ANSWER 5 OF 7 CAPLUS COPYRIGHT 2002 ACS  
 AN 1998:612205 CAPLUS  
 DN 129:226627  
 TI Hybrid seed production using conditional female sterility by  
 transformation with female-specific promoters and protoxin-specific enzyme  
 genes  
 IN Harper, Stacy Marie; Crossland, Lyle Dean; Pascal, Erica  
 PA Novartis Ag, Switz.  
 SO PCT Int. Appl., 60 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9839462	A1	19980911	WO 1998-US3838	19980227
	W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9863410	A1	19980922	AU 1998-63410	19980227
	AU 725706	B2	20001019		
	EP 972058	A1	20000119	EP 1998-907657	19980227
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	BR 9808824	A	20000704	BR 1998-8824	19980227
	JP 2001512988	T2	20010828	JP 1998-538603	19980227
	US 6392123	B1	20020521	US 2000-575602	20000522
PRAI	US 1997-39527P	P	19970303		
	US 1998-32086	A3	19980227		
	WO 1998-US3838	W	19980227		

L3 ANSWER 6 OF 7 CAPLUS COPYRIGHT 2002 ACS  
 AN 1997:151533 CAPLUS  
 DN 126:153649  
 TI Methods and constructs for producing male sterile  
 plants  
 IN Fabijanski, Steven F.; Albani, Diego; Laurian, Robert S.; Arnison, Paul G.  
 PA Pioneer Hi-Bred International, Inc., USA

SO PCT Int. Appl., 222 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9640950	A1	19961219	WO 1996-US8692	19960607
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN				
	US 6013859	A	20000111	US 1995-476864	19950607
	CA 2223454	AA	19961219	CA 1996-2223454	19960607
	AU 9662526	A1	19961230	AU 1996-62526	19960607
	AU 718262	B2	20000413		
	EP 832263	A1	19980401	EP 1996-921268	19960607
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI				
	US 6162964	A	20001219	US 1998-161313	19980928
PRAI	US 1995-476864	A	19950607		
	US 1994-276510	A1	19940714		
	WO 1996-US8692	W	19960607		
	US 1997-897325	B3	19970721		

L3 ANSWER 7 OF 7 CAPLUS COPYRIGHT 2002 ACS

AN 1991:158558 CAPLUS

DN 114:158558

TI Production of **male-sterile** plants using antisense DNA  
for production of hybrid seed

IN Fabijanski, Steven F.; Albani, Diego; Robert, Laurian Sylvio; Arnison, Paul G.

PA Paladin Hybrids Inc., Can.

SO PCT Int. Appl., 206 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9008828	A2	19900809	WO 1990-CA37	19900202
	WO 9008828	A3	19901018		
	W: AT, AU, BB, BG, BR, CH, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MC, MG, MW, NL, NO, RO, SD, SE, SU, US				
	RW: AT, BE, BF, BJ, CF, CG, CH, CM, DE, DK, ES, FR, GA, GB, IT, LU, ML, MR, NL, SE, SN, TD, TG				
	EP 329308	A2	19890823	EP 1989-301053	19890203
	EP 329308	A3	19891115		
	EP 329308	B1	20011010		
	R: AT, BE, DE, ES, FR, GB, GR, IT, NL, SE				
	AU 9050372	A1	19900824	AU 1990-50372	19900202
	AU 655574	B2	19950105		
	EP 456706	A1	19911121	EP 1990-902754	19900202
	R: AT, BE, CH, DE, DK, ES, FR, GB, IT, LI, LU, NL, SE				
	JP 04504355	T2	19920806	JP 1990-502924	19900202
	US 5356799	A	19941018	US 1992-892635	19920602
	US 6184439	B1	20010206	US 1994-288734	19940812
	US 5728558	A	19980317	US 1995-479384	19950607
	US 5728926	A	19980317	US 1995-483960	19950607
	US 5741684	A	19980421	US 1995-487051	19950607
	US 6198023	B1	20010306	US 1995-477265	19950607
	US 6162964	A	20001219	US 1998-161313	19980928
	US 6191343	B1	20010220	US 1998-161586	19980928
	US 6198026	B1	20010306	US 1998-161318	19980928
	US 6255564	B1	20010703	US 1998-161587	19980928
PRAI	NZ 1989-227835	A	19890202		
	EP 1989-301053	A	19890203		

L5 ANSWER 34 OF 34 CAPLUS COPYRIGHT 2002 ACS  
 AN 1975:39425 CAPLUS  
 DN 82:39425  
 TI Effects of **glyphosate** and ethephon on meiotic chromosomes in  
 Secale cereale  
 AU Boyle, W. S.; Evans, J. O.  
 CS Dep. Biol., Utah State Univ., Logan, Utah, USA  
 SO J. Hered. (1974), 65(4), 250  
 CODEN: JOHEA8  
 DT Journal  
 LA English

L5 ANSWER 32 OF 34 CAPLUS COPYRIGHT 2002 ACS  
 AN 1988:505884 CAPLUS  
 DN 109:105884  
 TI Genetically transformed Gramineae and a method for producing them  
 PA University of Toledo, USA  
 SO Jpn. Kokai Tokkyo Koho, 27 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 63087921	A2	19880419	JP 1987-163867	19870630
	AU 8774947	A1	19880107	AU 1987-74947	19870630
	AU 606874	B2	19910221		
	US 5187073	A	19930216	US 1989-436187	19891113
	US 5177010	A	19930105	US 1990-579354	19900905
	US 6020539	A	20000201	US 1994-265982	19940627
	JP 10052186	A2	19980224	JP 1997-121161	19970512
	JP 3234534	B2	20011204		
	US 2002002711	A1	20020103	US 1998-95208	19980610
PRAI	US 1986-880271	A	19860630		
	US 1987-67902	B1	19870629		
	JP 1987-163867	A3	19870630		
	US 1989-436187	A1	19891113		
	US 1993-16600	B1	19930211		
	US 1994-265982	A1	19940627		

L5 ANSWER 28 OF 34 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE  
 6  
 AN 1992:373099 BIOSIS  
 DN BA94:55149  
 TI VARIABILITY OF **POLLEN** AND PLANT RESPONSES TO **GLYPHOSATE**  
 IN MAIZE.  
 AU FRASCAROLI E; LANDI P; SARI GORLA M; OTTAVIANO E  
 CS IST. AGRONOMIA GENERALE, UNIV. BOLOGNA, VIA FILIPPO RE 6, 40126 BOLOGNA,  
 ITALY.  
 SO J GENET BREED, (1992) 46 (1), 49-56.  
 CODEN: JGBREX.  
 FS BA; OLD  
 LA English

L5 ANSWER 27 OF 34 CAPLUS COPYRIGHT 2002 ACS  
 AN 1993:622041 CAPLUS  
 DN 119:222041  
 TI Regulatable induction of male sterility in plants.  
 IN Fabijanski, Steven F.; Albani, Diego; Robert, Laurian S.; Arnison, Paul G.  
 PA Paladin Hybrids Inc., Can.  
 SO Can. Pat. Appl., 240 pp.  
 CODEN: CPXXEB

DT Patent  
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CA 2021643	AA	19920121	CA 1990-2021643	19900720

=> d 4, 12, 14, 18, 21

L5 ANSWER 4 OF 34 CAPLUS COPYRIGHT 2002 ACS  
AN 2002:88819 CAPLUS  
DN 136:243257  
TI Physiological and morphological effects of **glyphosate**  
applications on **glyphosate**-resistant cotton  
AU Pline, W. A.; Edmisten, K. L.; Wilcut, J. W.; Wells, R.  
CS Crop Science Department, North Carolina State University, Raleigh, NC,  
27695-7620, USA  
SO BCPC Conference--Weeds (2001), (Vol. 1), 341-344  
CODEN: BCCOBC  
PB British Crop Protection Council  
DT Journal  
LA English  
RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 12 OF 34 CAPLUS COPYRIGHT 2002 ACS  
AN 2000:567256 CAPLUS  
DN 133:248294  
TI Influence of **glyphosate** (Roundup Ultra) rate and time of  
application on weed control and performance of DP5415RR cotton in Israel:  
Field and laboratory experiments  
AU Yasur, H.; Sibony, M.; Rubin, B.; Litvak, Mashka; Flash, I.; Gat, E.  
CS Faculty of Agricultural, Food and Environmental Sciences, The Hebrew  
University of Jerusalem, Rehovot, Israel  
SO Proceedings - Beltwide Cotton Conferences (2000), (Vol. 2), 1480-1483  
CODEN: PCOCEN; ISSN: 1059-2644  
PB National Cotton Council  
DT Journal  
LA English  
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 14 OF 34 CAPLUS COPYRIGHT 2002 ACS  
AN 1999:811352 CAPLUS  
DN 132:31778  
TI Enhancement of herbicide resistance in plants by applying a herbicide  
before flowering  
IN Von Kaster, Larry; Huang, Tzao Fen; Reysack, James Jarvis; Hawkins, Alan  
Francis  
PA Advanta Technology Limited, UK  
SO PCT Int. Appl., 19 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9966034	A1	19991223	WO 1999-US13532	19990615
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 9946861	A1	20000105	AU 1999-46861	19990615
	EP 1098965	A1	20010516	EP 1999-930297	19990615
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, PT			
PRAI	US 1998-100516	A2	19980619		
	WO 1999-US13532	W	19990615		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 18 OF 34 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
 AN 1999:236482 BIOSIS  
 DN PREV199900236482  
 TI New approaches in maize breeding for resistance to bioagents and  
 herbicides.  
 AU Ivanovic, Dragica (1); Ivanovic, M.  
 CS (1) Maize Research Institute, Zemun Polje, Belgrade-Zemun Yugoslavia  
 SO Zastita Bilja, (1998) Vol. 49, No. 1, pp. 5-27.  
 ISSN: 0372-7866.  
 DT (MANUAL)  
 LA Slovenian  
 SL English; Slovenian

L5 ANSWER 21 OF 34 CAPLUS COPYRIGHT 2002 ACS  
 AN 1997:151533 CAPLUS  
 DN 126:153649  
 TI Methods and constructs for producing male sterile plants  
 IN Fabijanski, Steven F.; Albani, Diego; Laurian, Robert S.; Arnison, Paul G.  
 PA Pioneer Hi-Bred International, Inc., USA  
 SO PCT Int. Appl., 222 pp.  
 CODEN: PIXXD2

DT Patent  
 LA English

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9640950	A1	19961219	WO 1996-US8692	19960607
	W: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG				
	RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN				
	US 6013859	A	20000111	US 1995-476864	19950607
	CA 2223454	AA	19961219	CA 1996-2223454	19960607
	AU 9662526	A1	19961230	AU 1996-62526	19960607
	AU 718262	B2	20000413		
	EP 832263	A1	19980401	EP 1996-921268	19960607
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI				
	US 6162964	A	20001219	US 1998-161313	19980928
PRAI	US 1995-476864	A	19950607		
	US 1994-276510	A1	19940714		
	WO 1996-US8692	W	19960607		
	US 1997-897325	B3	19970721		

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